

IFW

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: Unknown

Attorney

Docket No.: BSS0005

Applicant: Sezai Sablak

Invention: IMAGE STABILIZATION
SYSTEM AND METHOD FOR A
VIDEO CAMERA

Serial No: 10/781,968

Filed: February 19, 2004

Examiner: Unknown

Certificate Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited
with the United States Postal Service as first class mail in
an envelope addressed to: Commissioner for Patents, P.O.
Box 1450, Alexandria, VA 22313-1450

on May 24, 2004

Anthony Niewyk

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant wishes to bring to the attention of the Examiner the documents identified on the attached form PTO-1449. Applicant respectfully requests that these documents be made of record in the present application.

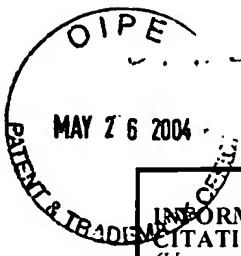
This Information Disclosure Statement is being filed after three months from the filing date of the application but before the mailing date of the first Office Action on the merits. No certification or fee is required.

If any fees are necessary in connection with this document, or insufficient fees are sent herewith, please charge Deposit Account No. 02-0385, Baker & Daniels.

Respectfully submitted,

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Docket Number (Optional) BSS0005			Application Number 10/781,968		
		Applicant(s) Sezai Sablak					
		Filing Date February 19, 2004			Group Art Unit Unknown		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,403,256	9/6/83	Green et al.			
		4,410,914	10/18/83	Siau			
		4,476,494	10/9/84	Tugayé			
		4,897,719	1/30/90	Griffin			
		4,959,725	9/25/90	Mandle			
		5,237,405	8/17/93	Egusa et al.			
		5,371,539	12/6/94	Okino et al.			
		5,563,652	10/8/96	Toba et al.			
		5,629,988	5/13/97	Burt et al.			
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		"Computer vision sensor for autonomous helicopter hover stabilization", Carl-Henrik Oertel, SPIE Vol. 3088, pp. 121-129, (1977)					
		"Development of image stabilization system for remote operation of walking robots", Kurazume et al, IEEE Vol. 2, pp. 1856-1861, (2000)					
		"Dynamic Stabilization of a Pan and Tilt Camera for Submarine Image Visualization", Armel Cretual et al., Computer Vision and Image Understanding 79, pp. 47-65, (2000)					
		"Stabilization, restoration and resolution enhancement of a video sequence captured by a moving and vibrating platform", A. Stern, et al., Applications of Digital Image Processing XXIV, Proceedings of SPIE Vol. 4472 (2001) pp. 65-74					
		"A Stable Vision System for Moving Vehicles", Jesse S. Jin et al., IEEE Transactions of Intelligent Transportation System, vol. 1, No. 1, March 2000, pp. 32-39					
		"Camera Tracking for Augmented Reality Media", Bolan Jiang et al., 2000 IEEE, Vol. III, pp. 1637-1640					
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,648,815	7/15/97	Toba			
		5,798,786	8/25/98	Lareau et al.			
		5,909,242	6/1/99	Kobayashi et al.			
		5,953,079	9/14/99	Burl et al.			
		6,154,317	11/28/00	Segerstrom et al.			
		6,211,913	4/3/01	Hansen et al.			
		6,396,961	5/28/02	Wixson et al.			
		6,459,822	10/1/02	Hathaway et al.			
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
		✓ "Fast Normalized Cross-Correlation", J.P. Lewis, expanded version of a paper from Vision Interface, 1995 (reference [10])					
		✓ "A Novel Affine Template Matching Method and Its Application to Real-Time Tracking", Ismail Oner Sebe, et al., AST San Diego Lab, STMicroelectronics Inc.					
		✓ "A simple and effecient template matching algorithm", Frederic Jurie et al., LASMEA - UMR 6602 of CNRS, Blaise-Pascal University, F-63177 Aubiere, France					
		✓ "Real Time Robust Template Matching", Frederic Jurie et al., LASMEA - UMR 6602, Universite Blaise-Pascal, F-63177 Aubiere, France, pp. 123-132					
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